

CROSSFIELD CHRONICLE

Volume III — No. 31

Friday, September 17, 1948

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ONE New Self Propelled Case Combine
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ONE Second Hand M. H. Self Propelled Combine
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SEASONABLE ITEMS IN STOCK NOW

Gypsoe Wall Board
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SEE US FOR YOUR REQUIREMENTS
WHILE "THE GETTING IS GOOD"

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COUNCIL MEETINGS

The regular monthly meeting of the Village Council will be held in the

FIRE HALL

First Monday of each month

INTERIOR PAINTING

and

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CROSSFIELD, ALBERTA
A GOOD PLACE TO STAY
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A Shot of CUTTER PELMENAL

will protect against "Hem Sept" and will help him build strong resistance against Pulmonary infections, as well



Come in for Your Free Booklet on SHIPING FEVER

Edlund's Drug Store

All types of insurance
for all types of people

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Local News

Look for the Baptist Church announcement in another column.

Mrs. F. Asmusen moved to her new home in Calgary this week.

J. G. Harrison shipped a carload of ewes to the St. Paul stockyards this week.

Jim Stevens is spending part of his holidays here at the home of his parents, Mr. and Mrs. A. D. Stevens.

Mrs. C. Rowat is back at her desk in the local bank after enjoying a short holiday.

C. Becker and his crew are hard at work building a new house on the farm of E. A. Price.

Harvey Stone had the misfortune to dislocate his shoulder and will be on the no work list for the next little while.

Born to Mr. and Mrs. H. M. (Bud) Fisher a son, on September 5th in the General hospital.

This issue carries the announcement of a dentist coming to Crossfield. If interested look for the ad.

Ken Bowen is building an additional room onto the north end of his dwelling.

The next regular meeting of the C. W. L. will be held at the home of Mrs. M. Stafford on Thursday, September 22nd.

Dick Onkes was receiving the congratulations of his many friends on Tuesday on the occasion of his 73rd birthday.

The executive of the local branch of the Canadian Legion met recently and decided to call a general meeting in October as soon as the harvest was finished.

A. Melling has been a patient in the Holy Cross hospital since the first of the month and is still in a weak condition as a result of heart trouble and pleurisy.

The C. W. L. Annual bazaar will be held on October 30th and will consist of a sale of sewing and other handwork as well as a sale of home cooking and a tea.

The Crossfield Home and School Association is scheduled to open its seasonal activities with a meeting this week. A full account of this will be given in our next issue.

The winners of the Achievement Day honors of the Happy Gang Garden Club were Marjory Bantz and Ruth McCool. They will be entitled to spend a week at the Olds School of Agriculture with other club winners next July.

Shirley May Reeves of Vancouver was a visitor in town over last week-end. Dr. Allen and J. Mooney of the Rosebud Health Unit were business visitors in town on Monday of this week.

The door prizes given at the Curling Clubs Labor Day dance were won by the following: Radio - Hector McDonald; suitcase - Mrs. B. Shillings; pressure cooker - Mrs. M. Veiter and card table and chairs by Mrs. L. Bliss.

Sparks from a locomotive set fire to the grass along the CPR right-of-way and spread into the crop on the McDonald farm which is farmed by the Mason Bros. About 12 acres of crop were burnt before the fire was brought under control.

Born to Mr. and Mrs. Tony Bekt, nee Barbara High, of Oak, Ontario, a son, on September 4th.

Shirley English fell off her school pony last Friday and in so doing had the misfortune to break her ankle. She now lies in a cast and it will be at least six weeks before she gets the chance to fall again.

Mr. and Mrs. W. Kasbeier of Denver, Colorado are guests at the home of Mr. and Mrs. Dick Onkes. Something unusual is the fact that Mr. Kasbeier and Mrs. Onkes are brother and sister as also are Mr. Onkes and Mrs. Kasbeier.

The Labor Day rally held in the Baptist Church was a banner day for the youth. Young people from Edmonton, Red Deer, Drumheller, Calgary and Crossfield crowded the church and the doors for the afternoon and evening services. A fine time of recreation was enjoyed at the village park. A basket lunch was served on the lawn in the evening.

The continued fine weather has been a boon to the farmers and considerable crop has now been harvested. Probably 75 per cent is now cut and a large acreage has been picked up and combined. Only a small portion of the crops in this district are now threshed and a start on this is expected next week if the weather holds.

Confusion in the public mind as a result of a recent release from Ottawa has prompted, Hon. N. E. Tanner, the Minister of Lands and Mines to remind hunters that automatic shotguns are still an illegal weapon in Alberta for shooting migratory game birds.

Migratory bird regulations recently released contained a clause requiring that shotguns be plugged so that no more than three shells could be held in the magazine and chamber combined. The regulations did not legalize the use of the automatic shotgun which is prohibited under section 45 of the Alberta Game Act. Pump guns must be plugged for the hunting of migratory birds but need not be plugged for the hunting of upland game birds. The Crossfield Fish and Game Association would like to hear from any of their members who did not get their copy of the magazine "Game Trails." There seems to have been a mix-up somewhere and it will be straightened out if these members will contact Secretary, J. Luman at the Bank.

At the commencement of this new school term we noticed that a number of our high school pupils were going to Red Deer to finish their studies. We also noticed a few more were not going any place, meaning that they were not going to finish and would never have that grade 12 certificate, which means so much these days to any boy or girl trying to get on in the world. On making a few inquiries we learn that we have a high school teacher who is so unpopular that these children have just refused to go to this school. Now that is what is WRONG, this teacher has a job to do and from what we can learn is a really good teacher. BUT we have evidently got a bunch of cry babies who cannot take it, but far worse than that, we also have some parents who are letting these children do something they may be sorry for at some later date. Looking back over the years we can recall any number of teachers who were not popular as a matter of fact most of the better one always seemed to be cranks of one kind or another, but the children were told they were going to school and get that education and that was THAT. Of far greater importance in so far as our high school is concerned is WHAT OF THE FUTURE. We are the older generation have had to put up any number of fights, to say nothing of the taxes we have paid, in order to keep the high school here, but it won't take much of this sort of thing until we shall lose it and once lost we may never get it back again. The tendency seems to

be to centralize schools as much as possible and we had hoped that some day that Crossfield would be the central point at which the powers that be would pick on to make into the High school for the division. NOW is the time for some concerted action to be taken, there is all together too much apathy on school matters in this district. We have no local school board of trustees because no-one is interested enough to act in that capacity. The Home and School have always barred any subject of a controversial nature and we maintain that they are wrong in that BUT let this High School be taken out of Crossfield and there would be such a howl go up and the only answer would be TOO LATE — TOO LATE.

Classified Ads

FOR SALE — Registered Red Poll Bull, 6 Kelly, Crossfield.

DR. JAMES D. PURVES
DENTIST
will be at the
OLIVER HOTEL
Thursday of Each Week
9 till 5
Also at Carstairs
Tuesday and Friday

A NUMBER 10C HAMMER MILL WILL HELP CONSERVE YOUR FEED THIS WINTER

Equipped with both knives and hammers, it will cut and hammer either green feed or hay and will grind grain to any size required.

SEE THESE MACHINES IN OUR YARD

WILLIAM LAUT The International Man

Phone 9

Crossfield

Modern Service and Auto Court

COCKSHUTT AGENT — Commercial Trucking
WE HAVE ON HAND —

S.P. 109 COMBINE COCKSHUTT 12 ft. Swather
36 John Deere Combine with Pick-up & Swather
Also Agents for Kirchner Sweep Hay Stackers
Walter H. Stewart Phone .61 Crossfield

JUST ARRIVED — FLEXOTITE WINDOW AND DOOR INSULATION

This insulation is neat and will last for years
To Fit All Doors \$2.50 a set
Window Insulation 16c per foot
Flexotite Liquid Cement 25c a bottle
You are invited to call in and see this new insulation demonstrated.

YOUR CO-OP STORE

Phone 21

Crossfield

WE HAVE FOR — Immediate Delivery

1 No. 509, 6-ft. Oneway Disc on Rubber
1 No. 306, 24-Run Double Disc Drill
1 No. 5, 16-ft. Used Swather good as new
WE CAN SUPPLY YOU WITH
The New National Greaser — A high pressure grease gun with hydraulic booster. Develops 5,000 pounds pressure, equipped with 10 ft. of hose and fits any grease bucket.

H. McDonald and Son

MASSEY-HARRIS FARM MACHINERY
Phone 35 Crossfield, Alta.
See Our Display of New Propane Gas Ranges and Propane Equipment

NOTICE

JUNIOR MEETINGS COMMENCE AGAIN

Friday, September 24th

at 7 p.m.

IN THE CROSSFIELD BAPTIST CHURCH

Film Slides will be show each week with other added attractions

Parents are invited to send their children

Rising Living Costs

FOR SOME TIME THERE HAS BEEN widespread concern over the steady increase in the cost of living in Canada. It is true that prices have risen alarmingly, and that in spite of general increases in incomes, it has become very difficult for many citizens to meet the present costs of food and other necessities. It was expected that prices would rise after the war and Canadians have suffered considerably less in this respect than have the people of most other countries. Where no economic controls were enforced during the war or in the years following it, prices and wages rose to fantastic levels, but even in those countries where these factors were regulated, it has not been possible to avoid the trend to inflation, as controls were gradually removed.

Dollar Is Worth More In Canada

Recently figures were issued comparing the cost of living in Canada to that of the United States, our nearest neighbor, and a country whose economy is, in many ways, closely related to the same items and they show that, on the basis of their value in 1939, the Canadian dollar is today worth more than the American dollar and that Canadian consumers are paying less for most commodities than the Americans at this time. Based on values in the United States on May 15 of this year, it was shown that the American dollar is, in general, worth 60 cents, compared to its value in 1939, while the food dollar is worth only 47 cents and the clothing dollar 51 cents.

Greater Rise Is Indicated

On June 1st of this year, the Canadian dollar was worth 65 cents in general, as compared to its value in 1939, while the food dollar was worth 51 cents and the clothing dollar 57 cents. It was also shown that on May 15th, the cost of living index in the United States was 172.9 while in Canada on June 1st it was 153.1. Prices have risen to some extent in both countries since these figures were compiled, but economists agree that the rise has been more rapid in the United States than in Canada. While it does not help us to know that the American people are facing more difficulties than ourselves in the matter of living costs, it does bring to our attention the fact that the trend is general, and that while the situation here is far from encouraging, it could be much more serious.

To make sure you're getting

FAST-ACTING

ASPIRIN

FOR HEADACHE

Look for the Bayer Cross on the wrapper

Uranium, Rare Metal, Discovered In British Columbia

VANCOUVER.—Uranium, rare metal used in making atomic bombs, has been found in British Columbia, near Gun Lake in the Bridge River district about 15 miles north of the gold mine town of Enderby.

The find was reported in Vancouver by the young prospector who discovered it—Ernest Johnson, 35.

It was confirmed officially in Victoria by Dr. J. P. Walker, B.C.'s deputy minister of mines.

"It's uranium, all right," Dr. Walker told The Vancouver Daily Province. "It's the first authentic discovery in B.C. of which we have definite information."

"Our tests of ore samples sent us by Johnson are not finished yet. We don't know how much uranium exists there, and we haven't yet identified the mineral in the samples. We do know, however, that the mineral is radio-active, and that it contains uranium."

U.S. POPULATION TAKES JUMP TO 145 MILLION

WASHINGTON.—Boom growth on the Pacific coast led the United States to an estimated population total of 145,414,000 in 1945, a rise of 8.9 per cent. since the 1940 census. The Census Bureau figured the combined population of California, Oregon and Washington rose by 3,981,000 or 40.9 per cent. to a total of 13,714,000.

Pineapples weighing 20 pounds are common in the New Hebrides.

Butcher's Credit — Have A T-Bone Steak; Eighteen Months To Pay

HOLDREGE, Neb. — A Holdrege meat market operator posted this sign: "Use your credit. Have a T-bone steak, one-third down, 18 months to pay." Herb Bierhaus said he put up the sign on his shop in an effort to get back business which had dropped off sharply because of resistance to high meat prices.

CAN PRAIRIE FARMERS GET ALONG WITHOUT HORSES?

By T. H. MELVILLE-NESS
Central Press Canadian

FOR quite a few years now they've been saying that the horse is finished in the west. Especially since the war ended, farmers have been mechanized at a tremendous rate, and the trend continues. Thousands of farms that used to use horses for all field work have switched to power farming, and big barns that used to be filled with horses are either falling apart, or else they are being used to house expensive power machinery.

But supporters of the horse say that most farmers cannot get along without at least one general purpose team, especially in winter. A team of horses, they say, will do chores on mixed farms at far less cost than any other method. They also point out that a horse will get to town when the roads are snowed in, at a time when a car or truck couldn't budge.

Last winter was a case in point. Any farmer who still had a few horses during the months of heavy snowfall early in 1948 had plenty of reason to be glad he had them.

And this year's Class "A" western fair circuit proved that there's still a lively interest in the horse. There were five exhibitions, at Brandon, Calgary, Edmonton, Saskatoon and Regina, and at each one there were good displays of heavy horses. There was also a fair interest in these displays on the part of farmers who had long since switched to power farming.

Classes for heavy horse teams were specially popular at the fairs. In all cases, ringriders were crowded when heavy four and six-horse outfits were scheduled to appear.

In spite of a lull in interest on the part of horse breeders, a few ardent horse-lovers have stayed in



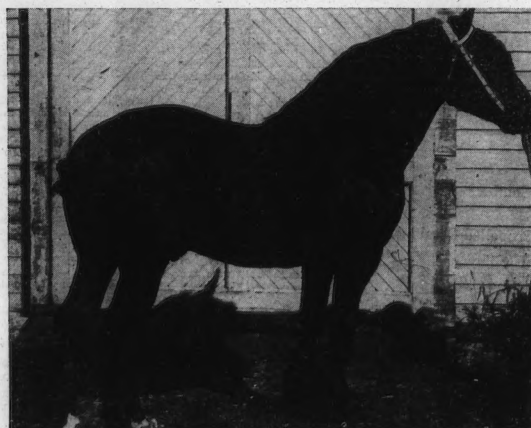
The greatest spectacle of all, the rodeo, was, if anything, better than ever before at Western exhibitions. While mechanization spreads through the farming and ranching community, there are still plenty of tough cowboys to ride the meanest horse that ever left the chutes.

Some heavy horse breeders predict a ready demand for their product a few years hence, when farmers in general realize the usefulness of a team, even on a highly mechanized farm. The thousands of westerners who attend the summer exhibitions hope they are right, for they want to keep the horse in the show picture. He is the basis of all the most spectacular exhibition events, and without him there wouldn't be much of a show.

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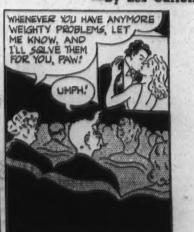


While the work horse has become something of a rarity on many Saskatchewan farms, thousands of people flock to see the heavy horse classes at Western exhibitions. Experts predict that eventually farmers will decide that a team of general purpose horses on the farm is a great asset, and there will be a return to horses in a few years' time. Here is the Clydesdale team, owned by J. F. Dunham of Fairlight, Sask., winner of four championships on the Western Class A circuit.



A few breeders of heavy horses still manage to stage a show that is watched by thousands of people at fairs in the prairie provinces. Here is an unbeaten champion of the western circuit, Riverbend Monarch, Percheron stallion owned by Jonathan Fox of Lloydminster, Sask. This great horse was reserve grand champion stallion of the breed at the Toronto Royal show last year.

THE TILLERS



Helicopters Used In Fight Against Pests

CALGARY.—Helicopters have been used to spray the area between Banff, Alta., and Field, B.C., with DDT and Diesel oil, in an effort to kill lodgepole pine needle-miner. Three plots of 20 acres each were treated, using different spray deliveries in each section.

The pests have been in outbreak in the Banff Park area since 1942 and first injury to the trees was noted at that time. They are tiny moths about a quarter of an inch in length and very narrow, with silver-grey wings. Larvae, when hatched, begin to mine the needles of pine trees during July and August. During the winter they remain dormant inside the needle, resuming feeding in the spring.

Although the pests will not kill the trees in one year, the present outbreak has reached a serious stage. In 1946 it was hoped that natural factors might stop some of the damages but this year, larvae mortality dropped to about 20 per cent., and permanent injury is reported to trees in the Lake Louise area.

FUNNY

And

OTHERWISE

Hubby: "I guess you're pretty mad because I came home with this black eye last night."
Wife: "Not a bit. When you came home you didn't have that black eye."

Mr. Jones: I think there should only be one head to a family.
Mr. Smith: Brother, you said a mouthful just paid for hats for my four daughters.

An old woman married a man even older than herself. One day she met the rector, who inquired why she had married again, and if she had now given up her occupation of washing.
"Oh, no sir," she said, pointing to her husband, who was wheeling a barrow a few paces away. "If I didn't married I'd 'ad to 'ave bought a donkey."

Jones: "That pawnbroker raised his hat to your wife. Does he know her?"

Brown: "I presume he feels that he does; he has seen her picture so often inside the case of my watch."

Bill Jones called in a plumber to fix an upstairs faucet and as he and his wife were coming downstairs they met the plumber coming up. Bill said:

"Before I go downstairs I would like to acquaint you with the cause."

The plumber politely removed his hat and murmured: "Pleased to meet you ma'am."

Boss: "You want a raise? Why didn't you live within your means?"
Employee: "I do, sir, but you don't realize how I am crowded for space."

A baker was delivering bread in the avenue. A woman hurrying homewards from her shopping stopped him.

"Have you left me any bread?"
"Oh, yes, madam."
"Is it today's?"
"Certainly, madam."
"Well, yesterday wasn't."

Political Agitator: "I'm pleased to see such a dense crowd here tonight."
Voice from the crowd: "Don't be too pleased. We ain't all dense."

A pessimist says that after the next war, there will be a slight pause for nation identification.

Skin Eruptions

Here is a clean, stainless, penetrating antibiotic that brings speedy relief from the itching and discomfort.

Not only does this amazing antiseptic oil promote rapid and healthy healing in open sores and wounds but boils and simple sores are also relieved.

In skin afflictions the itching of Eosmana is quickly stopped. Pimples—skin eruptions dry up and scale off in a very few days. The cure is true of itchy skin, salt rheum, itching, rashes and feet and other skin ailments.

You can obtain Moore's Eosmana Oil in the original bottle or in modern spray store, Satisfaction or money back.

—By Les Carroll

For constant Smoking Pleasure

Roll your own with



Cigarette Tobacco

ALSO AVAILABLE IN 1/2 POUND TINS

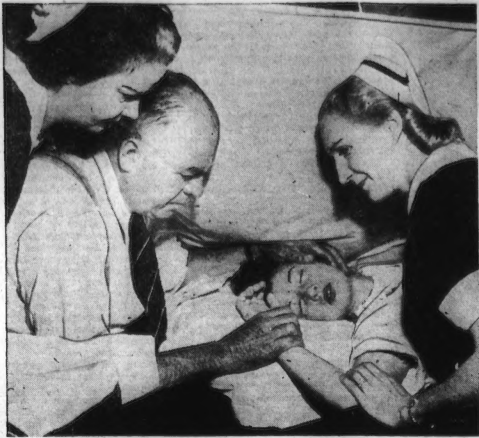
World News In Pictures

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HAND CAUGHT IN MEAT GRINDER, GIRL OPERATED ON IN STEEL PLANT—Her right hand trapped in a meat grinder, Ann Fowler, 19, Toronto, was rushed across the city to a steel plant where workmen labored 69 minutes to free it. Dr. Smirle Lawson, Toronto coroner, is seen with the girl. Nurses are Catherine Murphy, (left), Helen Adamson.



Workman uses file in effort to free Miss Fowler whose hand was caught by the grinder while at work. Dr. Lawson, back to camera, gave the anaesthetic. Miss Fowler was accompanied to steel plant from Toronto hospital by Dr. J. W. Daley who holds her arm. She received numerous fractures to her hand and the ends of three fingers were cut off. Doctors report that Miss Fowler is in "good" condition.



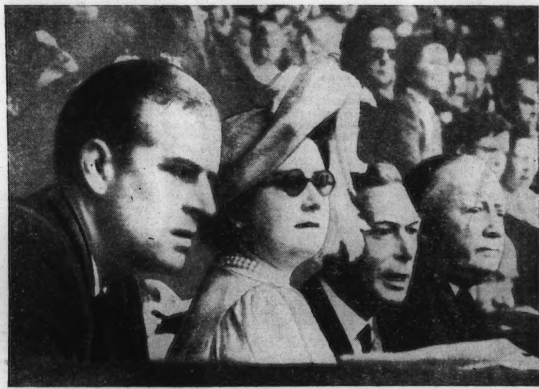
Above is Ann Fowler who is improving steadily after her harrowing experience of having her hand caught in the meat grinder.



UNITE VISITS CADETS—Field Marshal Montgomery takes a thoughtful look at a few of the young cadets of the Oxfordshire Cadet Force, who with darkened faces complete with camouflage, are training at Parkhurst Camp, Tidworth, Eng. The youngsters take their training seriously and received words of encouragement from the field marshal.—Reuterphoto from S.N.S.



BOY SMOOTHERED TO DEATH—Peter Jones, 17, (above), was smothered to death beneath tons of sand and gravel at a cement block company plant at Coolesville, Ont. He had climbed to the roof unholiced by fellow-workers, and had fallen into a giant hopper. His body was first discovered by Nelson Davidson, a mixer, who saw a pant leg coming through the hopper.



DISTINGUISHED SPECTATORS AT OLYMPIC GAMES—King George and Queen Elizabeth, who is wearing glasses, and the Duke of Edinburgh, (left), are keenly interested at the Olympic games as a track record falls. The photo was taken on the Queen's 48th birthday.



RT. HON. LOUIS ST. LAURENT AND FAMILY—Mr. St. Laurent, new Liberal Party Leader and one of the leading lawyers in Canada today, is seen in this family group. From left are: Back row, Renault, Therese (Mrs. G. F. Lafferty); Jean Paul, front; Marthe (Mrs. Mathieu Samson), Mr. and Mrs. St. Laurent, Madeline (Mrs. Hugh O'Donnell).



WINS IN BEAUTY CONTEST—Edith Spicer, of Thamesford, was the winner of the Miss Tavistock Centenary cup in the beauty contest held as the four-day centennial celebration came to a close. She is to enter the "Miss Western Ontario" contest next fall.



\$10,000 BLAZE RAZES HALIBURTON, ONT. TOURIST LODGE AT HEIGHT OF SEASON—Haliburton tourist lodge, Holiday Inn on Lake Katchewanog was hit by \$10,000 fire at the height of its season and the main lodge was a total loss. Here it is shown as the flames devour the structure, along with \$1,000 in cash and a bundle of cheques. Chambermaids on their morning rounds saw the flames and gave alarm to the 60 guests. Guests still have sleeping accommodation in the cabins, untouched by the blaze.—S.N.S. Photo.



U.S. FIRE-POWER SHOWN IN OCCUPIED GERMANY—The amazing concentrated fire-power given to U.S. infantrymen by such weapons as the highly-mobile recoilless 75 mm. rifle is shown to good effect in firing drills in occupied Germany.



THREE ESCAPE WITH THEIR LIVES IN CAR AND LOCOMOTIVE COLLISION—Three men escaped with their lives from a crash at this level crossing in Toronto recently. A C.N.R. locomotive was backing toward the crossing when it hit the car. "The first I saw was a black monster, up from nowhere, crashing into us," said one of trio. In the back seat of the car, Hugh Bethune suffered only arm and back bruises. The other two occupants were William Cherry and Eric Jordan, both of Toronto.

Damage High, Gain Terrific

Round-Up Of What 1948 Floods Will Do For Western Canada

WATER supplies in the so-called Drought Area of the Prairie Provinces were restored to record levels by melting snows in March and April of 1948. Hundreds of lakes and streams, which were remembered only by the very early settlers, came to life again. Districts which have been recognized for 20 years as being part of Canada's potential dustbowl are now dotted with marshes and lakes and traversed by running streams.

The drought area of the Prairie Provinces has in the last 10 years become known generally as the P.F.R.A. area, because the benefits of this act are extended to residents in it. The area contains about 125,000,000 acres of land or 200,000 sections. Long-term records of various water resources offices indicate that these lands will produce an average of about 12 acre-feet per year of run-off water from each section. In some years it may be more, in some years less; in some regions it is greater, in the driest regions it is at least 12-acre feet per section. In 1948 it is estimated that this run-off averaged at least 18 acre feet per section, which would amount to 3,600,000 acre feet for the prairie area. Expressed in tons, this water requires 12 figures.

Appearance Changed

The appearance of the prairies has changed completely for the season. Where dry lakes, white alkali flats, and parched channels have appeared for many years, there are now immense bodies of blue water and running creeks.

Southeast of Regina a rich area of agricultural land which was a marsh at the turn of the century, was homesteaded some years later, and has been cropped for at least 20 years, had now been restored as a marsh.

In the Weyburn district creeks which have not discharged any great volume of water for at least 25 years were miniature torrents.

In southwestern Saskatchewan, Lake Johnstone, usually dry in August of each year, is back at the level of 1905.

Between Regina and Saskatoon, Last Mountain Lake extends as a blue expanse of water for over 70 miles. Before the turn of the century this lake was navigable. Boats of fair size piled up and down it in the early years of settlement. In the 1930s it receded to little more than a glorified slough. Its level was raised four feet in April of 1948, which required a quarter of a million acre-feet of water.

In 1939 the P.F.R.A. constructed a dike across the Qu'Appelle River north of Moose Jaw for the purpose of diverting the flow of Moose Jaw Creek into a large marsh, known as Buffalo Pound Lake, in the valley of the Qu'Appelle a short distance from Tuxford. The most optimistic view of the development was that some 35,000 acre feet of water might eventually be gathered in the lake. Over 70,000 acre feet were trapped in 1948. Buffalo Pound Lake, instead of being a little more than a marsh, extends as one long expanse of blue water from the dike northeast of Lumsden for 40 miles up the Qu'Appelle to Eyebrow Lake, another marsh a short distance from Tuxford. This water will be passed

down the Qu'Appelle to Long Lake during the season.

In East Central Alberta, Berry Creek and Sounding Creek have shown themselves as great producers of valuable water which may be impounded for irrigation development south and east of Hanna, in the Medicine Hat region, lakes, marshes, and reservoirs, which have existed on a thin supply of water for many years, filled to overflowing. Clear Lake in the Nanton-Stavely district is typical of all others south of Calgary; it is filled.

Extensive Damage

It was to be expected that run-off water of the quantities which occurred in 1948 would do considerable damage to both privately-owned and public reservoirs and works. Dams failed, spillways washed out, railways were damaged, roads were breached.

In the aggregate the damages will amount to millions of dollars; but each individual damage is offset by a benefit of greater value. The dams which failed did so because the regions in which they were located were completely inundated. Water saturated the grain fields to depths of eight and 10 feet and more. The spillways which washed out marked reservoirs which were completely filled with water. Railway damages quite frequently occurred on streams which had not carried water in any great volume for years. The debris adjoining damaged roads were seldom in better condition for crops.

Many urban centres of Western Canada depend for domestic water supplies on underground reservoirs. Such reservoirs usually consist of little more than a large deposit of sand or gravel into which surface water seeps, is stored, and from which it is pumped for urban use. These sand pockets depend upon surface run-off to be re-charged. During the last 30 years there have been times when no run-off occurred for several years, and the water level dropped alarmingly. The 1948 run-off has recharged to the maximum, these underground reservoirs.

It is quite true that farmers of Western Canada are perturbed about the damages and delays caused by the flood. However, they made no complaints. They have a feeling of immense relief in knowing that the "Good Old Days" of water surplus can return, and have not been replaced entirely by a constant threat of wind and dust. They much prefer the flooded lands to the black blizzards of the 1930s. To many of them the so-called floods have restored confidence—Farm and Ranch Review.

Helpful Hints

If your cheese gathers up a mould, try wrapping it in a cloth wrung out of vinegar.

You can make a dark room seem lighter by using light colors and bold furniture.

Wicker furniture can be cleaned by scrubbing with a not-too-hard brush and lukewarm soapy water. Rinse by turning the hose on it.

It is advisable to turn off radios during an electrical storm because the line surges occurring during the storm might damage the set.

Fragile lace should be stitched to a piece of white cotton before it's washed to prevent ripping and to give it stability.

Right Way To Lift

A Canadian farmer noted for his strength and also for his unassuming wisdom, was asked how he managed to lift such heavy weights. "Well," he answered, "I am naturally strong, but a man might be as strong as an ox, and yet strain his back in lifting a comparatively light weight, if he lifts the wrong way. Don't lift with your back. Lift with your legs by bending your knees, and keep your back as straight as possible without straining to do so. That is, keep your back as vertical as possible to the ground when lifting."

"And don't show off. If you find you cannot handle a sack or anything else unsaid onto your shoulders, get someone to give a hand. If the weight to be lifted is too heavy to carry alone, don't have false pride, get help. There is a limit in everyone to the amount of strain the muscles will stand, especially on your back. And the way to lift is to lift with the legs. They are the natural elevators."



WINS LIEUT. GOVERNOR'S O.B.A. MATCH—Firing 15 shots through the bullseye at 500 yards to score a perfect 75, C.S.M. N. L. Beckett won the Lieutenant-Governor's match at the Ontario Rifle association meet held at Long Branch, Ont. He used a new army issue Lee Enfield mark 4. The Hamilton, Ont., sharpshooter, who represented Canada at Bialay in 1938 and twice won the Bialay aggregate and the Governor-General's prize at the Dominion meet in Ottawa, won over Sgt. F. H. Wallace, Toronto, who fired a 74.

Bird Scientists Still Fail To Find Whooping Crane's Breeding Grounds

REGINA—The bird scientists have just failed again in their search for the breeding grounds of North America's fast-vanishing whooping cranes.

The ornithologists believe they are working against time. Of the 33 living cranes—survivors of the thousands that once migrated annually from the southern United States to Canada's prairies—only six or eight pairs are believed breeders. Unless the nesting grounds can be found quickly and the birds studied so they perhaps can be bred in captivity they are doomed.

Two Americans, Robert Smith and Robert Allen, have spent the Summer surveying by plane a vast expanse ranging from Barrow Point to Bathurst Inlet on the Arctic Sea coast. Flying from a base at Alkavik near the Mackenzie River mouth, they feel they have at least narrowed down the possible nesting grounds of the birds and may stand a better chance on their return to their search next year.

Smith is an officer of the United States Fish and Wildlife Society, while Allen is an official of the National Audubon Society on loan to the U.S. Government. They began their search in 1945. As the Canadian prairie became settled, the birds were pushed further and further north.

They hoped they will make. One of the remaining 31 white birds with black-tipped wings is a non-migrant which has lived with a colony in Louisiana for a number of years. Two others didn't migrate either this year but stayed in the Texas Gulf region.

The searchers say that the reports from scattered points in northern Saskatchewan and Alberta of seeing whooping cranes may be connected with the 12 migrating non-breeders. One report came from Flin Flon, in central Manitoba, and a second from the Peace River district in northern Alberta.

Next year, Smith and Allen intend to comb the region between Great Slave Lake, just north of Alberta, and Great Bear Lake, further north-west. They feel they can't discover the nesting grounds too soon.



Canadian designers achieved afternoon perishes in the ensemble at left. The black barthes wool skirt is made along pencil-line lines, topped with an all-wool shepherd's check waist. Note how the geometric balance of the lines blends with the slit front and back of the skirt. At heading on a caplet of black American broad-tail, highlights a navy wool ensemble at right. The fitted jacket with flaring back peplum is worn over a subtly understated dress with intriguing back fullness.

China's Black-Death

World Health Organization Joins Chinese In Grim Battle

SHANGHAI — Chinese and World Health Organization doctors are fighting a grim battle with spreading plague—the "black death" that has killed more people than all the world's wars. The disease spread to Kiangsi and Chekiang provinces during the Japanese war, says Dr. Pollitzer of the W.H.O. In 1947, he reported, Nanchang, Kiangsi, had 31 cases and 16 deaths; Lanchi, Chekiang, 28 cases and 11 deaths.

"We are moving heaven and earth—to prevent the disease spreading further," he said. It has been active in Fukien province for 30 years, but until the war was not known in Kiangsi or Chekiang.

Plague has scourged the world for centuries. In the 14th century, it swept Europe and Asia, leaving perhaps 25,000,000 dead.

The disease is carried by fleas which normally live on rats but which can transmit the germs to man.

Vigorous preventive measures have kept it well under control in the western world. In the Orient it is rampant.

More Alfalfa Seed Grown In West

Production of alfalfa seed in Canada, based on records maintained for the past 20 years by the Plant Products Division, Dominion Department of Agriculture, is making rapid strides. In 1929, production was placed at less than one million pounds. By 1939, production had increased to about five and one-half million pounds and last year to nearly 11 million pounds. Current prospects indicate that the 1948 crop may be even larger than in 1947, says H. R. Parrell, of the Plant Products Division.

Even more noticeable than the increased production has been the movement of producing areas westward from Ontario. In 1929, practically the total crop was grown in that province. By 1935, however, the possibilities of producing alfalfa seed in Western Canada were being realized. As the knowledge spread that alfalfa seed of superior quality could be a profitable crop in certain areas of the West, production has increased there very considerably, while that of Ontario has declined.

In 1947 over 90 per cent of the total crop was grown in Manitoba, Saskatchewan and Alberta; Saskatchewan alone accounted for over five million pounds. As the result of increased production in recent years Canada has had relatively large quantities of seed available for export. Canadian grown alfalfa seed has gained an excellent reputation on world markets and the United States has become a market for a good share of the surplus seed. Exports from the 1947 crop were the largest on record and amounted to nearly eight million pounds valued at about three million dollars.

But, despite the fact that in the last 15 years there has been a 60 per cent increase in the population of mental hospitals, health and welfare officials are unduly alarmed over the situation. First of all Canada's aging population has a lot to do with it. Dr. C.C. Stogdill, chief of the department's mental health division, said in an interview here that about 26 per cent of those in institutions are aged persons.

Then again, more persons are beginning to accept mental hospital care.

"While the mental hospital still is under a stigma, it is nothing like what it was some years ago," said Dr. Stogdill.

He added that Canada's 16 mental health clinics throughout the Dominion were doing much to assist persons in need of specialized treatment, not hospital care.

A shortage of trained personnel—and especially of social workers skilled in psychiatric treatment—is the main problem holding up post-war expansion of these clinics, particularly in western Canada.

Sometimes sponsored by a school board, juvenile court, parent-teacher organization or other group, the clinic is staffed by a psychiatrist, a psychologist, and a social worker. Behavior of epileptics, children, and others is studied at the clinic. Dr. Stogdill described as "a most healthy sign" the fact that teachers are beginning to show a great interest in what makes children behave the way they do.

As well as providing treatment, workers at the clinics tell teachers and parents how to detect undesirable behavior trends.

Dr. Stogdill said he felt the time was quickly approaching when mental health services should be integrated with other health services to the community.

"People are realizing more and more the part psychological factors play in illnesses," he concluded. "They also realize that delinquency has natural causes, and they are going to look for people who know the answers."

Smile of the Week—

EASY

Jackson and his wife were doing a little fly hunting about the house. "How many have you caught?" she asked, after a while.

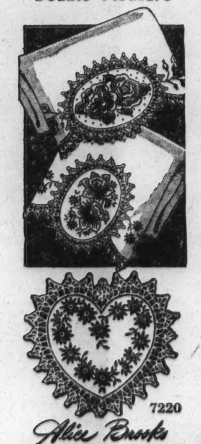
"Six," replied her husband, "three males and three females."

"How absurd!" his wife smiled. "How could you tell if they were males or females?"

"Easy, my dear," he retorted. "There were on the sugar and three were on the mirror."

If the public continues to buy its current quantity of milk and ice cream, there will be less cheese and butter made in Canada this year.

Double Pleasure



7220

Alice Banks

Fresh as a garden and beautiful all year! You'll have such fun making these lilies, you'll love the flowers in dainty crocheted frames!

Embroidery and crochet so unusual! Pattern 7220; transfer of 6 motifs; 2x11 in.; crochet directions. Our improved pattern—visual with easy-to-see charts and photos, and complete directions—makes needlework easy.

To obtain this pattern send twenty-five cents in coins (stamps cannot be accepted) to Household Arts Department, Winnipeg Newspaper Union, 175 McDermott Avenue E., Winnipeg, Man. Be sure to write plainly your Name, Address and Pattern Number.

Para-Aminosalicylic Acid

New Chemical Compound May Deal Knockout Blow To T.B.

NEW YORK.—A newly-developed chemical compound may prove to be the partner streptomycin needs to deal a knockout blow to tuberculosis, reports at the annual meeting of the National Tuberculosis Association said. The new compound is known technically as para-aminosalicylic acid, or pas for short. It is being tested on human patients at the Mayo Clinic, Rochester, Minn.

Dr. H. McLeod Higgins, chairman of an NTA committee studying results with streptomycin and other drugs in the treatment of tuberculosis, said that quantities of the chemical compound were being made available for further research work. Research experiments have shown that pas has a tendency to kill, or prevent the growth of, certain strains of tuberculosis germs that have been resistant to streptomycin. The fact that certain germs soon build up a tolerance against streptomycin is one of the disadvantages of using the drug. Another disadvantage is the unfavorable reactions it sometimes causes.

Dr. Higgins, in reporting on the use of drugs in the treatment of the disease, said that eight groups of investigators have been making an extensive study for more than a year, and that up to now 566 patients have been treated. By the end of 1948, he said, the number would be

between 800 and 900 patients. He said that the studies so far showed that large dosages over prolonged periods still are the best for the more serious type of the disease, such as military (spreading rapidly) tuberculosis meningitis, and tuberculosis pneumonia.

For all other types, including pulmonary, the studies indicate that the period of treatment should be reduced, in some cases to as brief as 42 days.

The studies on the human patients, he said, have shown that in some types of the disease the same result can be obtained through reduced treatment.

At the same time, he said, the shorter treatment reduces the hazard of the patient developing resistant germs.

The studies show, he said, that "very few patients develop resistant strains during the first month of treatment."

"The rate of emergence of the strains resistant is quite rapid during the second month of treatment and at the end of the 60 days, resistant strains may be present in from 35 to 45 per cent of the patients," he said.

During the third month, he said, 50 to 60 per cent may have resistant strains, and at the end of the fourth month, 75 to 80 per cent.

It is here that the new compound, pas, may prove its mettle in the battle against tuberculosis. Once a way is found to combat the resistant strains, then medical science will have tuberculosis further on the run.

Watch Those Eyes

Eye conditions may be caused by a general physical condition such as diabetes, high blood pressure or kidney trouble. For this reason it is necessary to secure expert medical care for such troubles, as the control is important in maintaining healthy eyes and in the conservation of sight.

A regular eye examination once a year is recommended by health authorities, especially so if the individual is doing a considerable amount of close work.

: STAMP CORNER :

By JAMES MONTAGNES



Great Britain has issued a set of four stamps for the Olympic Games held at London (above). Australia has issued a stamp to wheat scientist William Farrer, 1845-1906 (top center), and Romania has issued new postal tax stamps (lower center).

With a conference on the navigation rights on the Danube in progress early this month, it is of interest to note that the countries through which the Danube flows have at various times featured the river on their stamps. The Danube is the main source of water transportation in southeastern Europe, and on the river are located the cities of Vienna, Budapest and Belgrade. The river runs through Austria, Czechoslovakia, Hungary, Yugoslavia, Bulgaria and Rumania.

Probably best known to stamp collectors is the river view on the Hungarian stamps showing the Parliament buildings at Budapest. Various issues with this view appeared from 1916 on. Hungary also shows the Danube on a number of its stamps, notably on a 1941 commemorative to the chain bridge across the river at Budapest, and on a few 1947 airmail stamps with views of castles on the river.

Australia in 1937 issued a set to 100 years of steamship service on the Danube and on a 1935 airmail showed a plane over the river. Czechoslovakia shows the river at Bratislava on a 1936 stamp. Yugoslavia features the Danube near Belgrade on a 1932 semi-postal issue, and a bridge across the Danube at Belgrade on a 1940 airmail value. Rumanian stamps of 1906 and 1913 show the troops crossing the Danube, and Constanta at the mouth of the river on the Black Sea is shown on stamps of 1913 and 1928. A rustic view of the Danube passing through the countryside is shown on a 1940 Rumanian semi-postal stamp.

Who's Who on Stamps... With the Olympic games recently held in England, it is of interest to note that the small West Indian republic of Haiti honored the founder of the modern Olympic games on 1940 airmail stamps. Baron Pierre de Coubertin, a Frenchman, in 1894 headed a committee to revive the ancient Olympic games, and the first revived games were held at Athens in 1896.

New issues... United States issues a stamp to the 100th anniversary of Fort Bliss, Texas, on Nov. 5. Other new U.S. stamps to be issued during last three months of this year are for Voltaire Fierstein on Oct. 4, for the Indian centennial on Oct. 15, for the Roosevelt Rough



PALOMAR MOUNTAIN OBSERVATORY

UNITED STATES POSTAGE

United States issued stamps to Palomar Observatory in California on Aug. 30.

Riders on Oct. 27, for the late comedian Will Rogers on Nov. 4, for Molina Michael and poppy day on Nov. 9, for the Girl Scout founder Juliette Low on Nov. 15, for the anniversary of the Lincoln-Geltyburg Address on Nov. 19, for the American Turners Society on Nov. 20, and for author Joel Chandler Harris on Dec. 9.

Australia is to issue stamp to botanist Sir P. F. Van Muller on Sept. 13, to poet Henry Lawson early next year, to the Boy Scout International Jamboree in state of Victoria on Nov. 15, and for next year's visit of the Royal Family... Luxembourg will issue a new pictorial set showing views of the tiny principality... Bahamas stamps to mark 300th anniversary of founding of colony, will show conditions on the islands today... Guatemala is issuing a set for Central American football championship games... In Germany stamps of the four occupying powers have been overprinted for use in the Berlin zone... Egypt has overprinted current stamps for use in sections of Palestine occupied by Egyptian forces... Nicaragua is to issue a set to a new sports stadium... Netherlands is to issue new stamps featuring Queen Juliana when she takes over the throne in September.

Ed. Note.—If you have any old Canadian, Newfoundland or British North American stamps for sale or exchange write to our Advertising director, Mr. Frank Kuhn, 120 Wellington St. W., Toronto 1, Ont., who is an amateur collector.

Pasteurized Milk is Safe.



ELOPING FARM BOY AND GIRL DISILLUSIONED IN SEARCH FOR HAPPINESS — Elopement and drama of happiness ended at the point of police gun for May Hill, 17, who buried her head in her hands, and Fred Aldred, 21, who sits near her in Scarborough, Ont., police station. They are in the Don Jail, jointly charged with the murder of William Douglas Cowan, 57, Malvern, Ont., storekeeper, who died in fight in his store when the two made an ill-fated attempt to rob him.

Putting Right Smells Into Products

Bakers had been annoyed by the fact that housewives demanded airtight wrappings — but favored the bread that smelled best. A well-wrapped loaf of bread has only the vague odor of paraffin. So one baker went to an aromatic-chemical firm in New York City. The problem was turned over to their chief chemist. He found the answer among the thousands of bottles that line his laboratory. A drop of this, a touch of that, and he produced a formula that was the unmistakable odor of fresh bread. The company mixed the chemical, a printer mixed the ink and the baker had wrappings that smelled better than his bread.

Every day the mail brings the firm some such order: a plastic bottle to smell like beef (for dogs), sponge rubber to smell like cheese (for mousetraps), a perfume odor to make artificial leather smell like the real thing, a floral-smelling ink for newspaper advertisements of a florist's convention.

The chemist's sensitivity to odors is incredible. Polluter workers still watch with awe when he sniffs a perfume for analysis and joins a down to 30 ingredients.

Not satisfied with adding the feel of merchandising to the standard uses of perfume, this man still seeks new worlds to conquer. Some day he hopes to prove that perfumes should be used in hospitals. Tests have already demonstrated, he argues, that magnolia stimulates the appetite, while Cape jasmine soothes the nerves.

WON NOBEL PEACE PRIZE

Theodore Roosevelt, 26th president of the United States, received the Nobel Peace Prize in 1905 for his part in bringing to an end the Russo-Japanese war. Part of the \$40,000 prize was in endowing the Foundation for the Promotion of Industrial Peace.

PUTTING IT OUT WITH GASOLINE



—Talbot, in The New York World-Telegram.

YOU'RE TELLING ME

By WILLIAM RITT
Central Press
Canadian Writer

The earth curves eight inches a mile. From recent world news we must assume it's constantly downhill.

An intruding rabbit almost broke up a Texas ball game. Now if it had been just a mere stampede of steers—

Spike Jones is honeymooning in Hawaii. If he cuts loose with any of that music the islanders will think it's another Pearl Harbor.

Siamese cops found \$500,000 in gold, which had been stolen, cached in an ice factory. A really cool half-million!

An art school complains it cannot find girls to pose in the semi-nude. Could they all be down at the beaches?

The city of Toronto is attempting to eliminate the house fly but Zadok Dumbopf says it's too early to go beach on screen door stock.

The Engineers association of Pisa, Italy, says the Leaning Tower will fall in another 400 years. Stand back!

Buyer resistance forced dress designers to give up on the waist taper. They got stuck on that one.

Padded hips are out, too, same reason. American women try to adjust their shapes, not add to them.

U.S. Soldier Has Great Respect For British Women

ANIWA, Wis.—Staff Sgt. Leo F. Joske has great respect for the fortitude of all British women but more especially that of his mother-in-law, Mrs. Laura Emily Hewitt, 60, of Catworth, Huntingdonshire.

Just recently Joske, of the United States Air Force, cabled Mrs. Hewitt of the "serious illness" of her daughter, Mrs. Joyce Joske, 25, in a sanitarium.

Mrs. Hewitt boarded a plane in London. But 10 minutes after the plane took off Mrs. Joske died.

Joske met Mrs. Hewitt in Chicago and as they drove to the home of his parents he told her of her daughter's death.

"She took it bravely," Joske said. "Just like you'd expect an English woman to do. Of course, she took it like a mother would, too, but I'm very proud of her."

Joske met his wife while serving in England during the war. They have a three-months-old son.

50 YEARS IN OPERATION

Gold Mine Has Ceased Operations

JOHANNESBURG.—Goldenhuis mine—one of the oldest on the Witwatersrand—is worked out. Exhaustion of the gold-bearing reef on the property has led to the gradual curtailment of mining during recent years and a start has now been made to demolish the old mine buildings and dismantle plant and equipment. Since it started operations in 1885, the mine had mined more than 30,000,000 tons of ore from which more than 7,400,000 ounces of gold have been obtained. In the 50 years that mining operations have been carried on at Goldenhuis, working revenue has been \$37,461,732 (\$149,846,928) and an expenditure of \$31,141,104, giving a working profit of \$6,320,628.

Shafts Sunk In 1892

Its first two shafts were sunk in October, 1892, and No. 1 shaft was one of the first "deep" shafts on the goldfields. Goldenhuis has the reputation of having had no major disaster entailing severe loss of life.

All of the original main shafts on the mine have been closed down, the last in August, 1947, and mining is now being carried out only in a small incline into an outcrop which produces about 40 tons of ore daily.

All property, even wooden sections from the plant, is being treated for gold recovery. The material is burned and the ash processed. In this way, more than 100 pounds worth of gold is being recovered. Old methods of extraction on the Witwatersrand allowed only a 60 per cent recovery of gold from the ore mined, so old residues on the property are also being re-processed.

BRIDE TO KEEP BALL AND CHAIN

GRAND RAPIDS, Mich.—When Larry Flaugh, 23, arrived here with a 23-pound ball and chain shackled to his ankle, he wasn't worried about the police.

All he wanted to do was get rid of the thing he had dragged from Tulsa, Okla.

The ball was clamped on his ankle by classmates at Spinney College of Engineering. It was his send-off as he started home to marry Lucille Hemminger, 19, at Edmore, Mich.

The bride-to-be arrived at the station to meet Flaugh carrying a small hickawack.

Later the bride received a letter from pranksters containing the key to the lock.

Relieved that it was all over, she joined in the spirit of the thing and said:

"I'm going to keep the key in case I ever have to put the ball and chain on him again."

ON THE SIDE —By E. V. Durling

She loves with a love that cannot tire; And if, ah, woe! She loves alone Through passionate duty love flames higher As grass grows taller round a stone.

—Coventry Patmore.

(Above seems to be a description of quite a noble character. However, it might be better in cases where love is not reciprocated for a woman to look around for somebody who will respond to her affectionate regard. She only lives once, so why spend her life sitting on her hands moaning a torch song?)

HORSES & WOMEN

Among the recent remarkable achievements of beautifiers of the feminine is the hair. It is an operation which results in the hair of a woman being given beat-up tips. Still another amazing feat of the beauty experts is changing the color of a woman's eyes. It is said to be now possible for a thin-lipped disabuster blonde with basal eyes to become a blued, red-haired beauty with beat-up tips. Given a general going over by the beautifiers these days it is not only possible for a woman of 40 to look 15 years younger, but she can be much better looking than she was when 25.

HORSES

Thoroughbreds of seven years of age are now often referred to as "poor, old tired horses." Seven years isn't old for a horse. Golden Miller won the gruelling Liverpool Grand National steeplechase when 14. Goldsmith Maid, the harness horse, broke records when 18. The trouble is that many running horses are started in racing when too young and from then on raced too long. They become old before their time. It is like the kids who were put to work in factories in the "child labor" days. By the time these poor creatures were teen-agers they looked and felt like old men.

IMPORTANT YEAR

The most important year in the life of a child is the sixth. How the parents of a youngster of that age handle him will have a tremendous effect on his adult life. Such is the claim of child rearing experts. When I was six years old we were living on East 117th St., near Pleasant Ave., Manhattan. I was going to school on East 120th St. That was a year before we moved over the bridge to Brooklyn. I don't recall exactly how my parents handled me when I was six, but I do distinctly remember often gazing admiringly at them and thinking how wonderful they were.

ASIDES

What is the life span of the average hen? That's something I don't know, though I did once work on a farm for three weeks. Anyway, an agriculturist says he had a hen which was active as a layer of eggs until the age of 15 and lived to be 17. It seems to me as if there were more, but there are only 42 of those man and wife conversing-at-the-breakfast programs in the airwaves at this time.

BRIEFLY

The British luxury liner Queen Elizabeth is reported to make a net profit of \$2,400,000 a month during the tourist season. Gentlemen may still prefer natural blondes, but they are fighting shy of blonde who are going for other colors than blonde, with chestnut the most popular. Or so I am informed by one who should know.

KICKERS

If I were the owner of a professional football team, I would send a talent scout to Australia to sign up a few punters and drop-kickers. The Aussies are the world's best and most accurate kickers of a rugby football. Their game is, of course, different from ours. But not much. An Australian could quickly master American football. By the way, wasn't Pat O'Dea, the University of Wisconsin drop-kicking wonder, originally from Australia?

WORLD HAPPENINGS

BRIEFLY TOLD

Air Commodore Sir F. Whittle, jet inventor retiring from the R.A.F. through ill-health, may write a text book on jet propulsion.

Still playing the tenor horn in the town band at Debenham, Suffolk, England, is 82-year-old Albert Collins, who founded the band in 1887.

Oxford university is sending two tutors to Nigeria to assist in a new experiment in colonial education. Classes will be given in politics, economics, history and world affairs.

All R.C.A.F. air crew will wear double wings in the future, the air force announced. Previously only pilots wore double wings and other air crew members received a single wing.

Motor vehicles shipped from Canadian factories increased in June to 23,562 units, the bureau of statistics reported. The output for May was 21,368 units, and for June of last year, 21,137.

Changes in the unemployment insurance act passed at the last session of parliament have been authorized by order-in-council to become effective Oct. 4. Hon. Humphrey Mitchell, labor minister announced.

A "guinea pig" cow at the University of Brisbane, Australia, is put twice a week into a hotroom and subjected to extreme heat and cold. The experiment will help in selection of suitable animals for Queensland's differing climatic conditions.

RECIPES

FISH - BAKED, WITH STUFFING

Select a fish weighing from 2½ to 4 pounds. Bake with the following stuffing:

- 1 cup crumbs (bread or crackers or half and half)
- ¼ cup melted fat
- ¼ teaspoon salt
- ¼ teaspoon celery salt
- ¼ teaspoon pepper

Few drops onion juice, if liked
¼ cup water.
Mix ingredients in order given. If a dry filling is desired, the water may be omitted. Three tablespoons catsup, chopped parsley, capers, pickles, or oysters may be added. Clean and wipe the fish. Rub the inside with salt. Fill with stuffing and sew together. Cut diagonal gashes 1½ inches apart on both sides of the fish and place a strip of bacon or salt pork fat in each gash. Brush with melted fat, sprinkle with salt and pepper. Drizzle with flour, tie in the shape of a letter "B" and bake in a dripping pan. When the flour is browned, baste the fish once in 10 minutes. Cook until the flesh is firm and separates easily from the bone.

BAKED RICE AND CHEESE

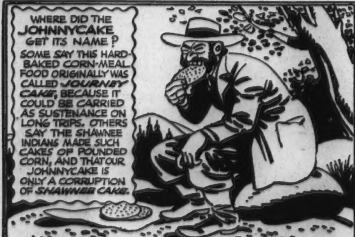
- 3 cups cooked rice
 - Butter
 - 1½ cups cheese grated
 - Milk
 - ¼ teaspoon salt
 - Bread crumbs
- Cover bottom of buttered baking dish with rice, sprinkle with cheese, season and dot with butter. Repeat until rice and cheese are used. Add milk to half the depth of rice. Cover with crumbs. Bake at (350 deg. F.) about 20 minutes or until cheese melts and crumbs are browned.

10 SMOKES A DAY

LONDON.—Manufacturers cut cigarette and tobacco supplies another four per cent. and shops rationed customers to 10 smokes a day.

THIS CURIOUS WORLD

By WILLIAM FERGUSON



At North Battleford —



Champions at North Battleford were, (left), Est Domino 121st. Hereford bull shown by George Ely, Shippen, Sask.; (right), grand champion Belgian stallion, Baron of North Battleford, shown by Cyzel Bruynoghe, North Battleford.



Winners of several prizes in the saddle classes at North Battleford were Mr. and Mrs. J. H. Bailey, Baljeon, on Jiggs and Corky.

At Didsbury —



Here, at the head of the parade, is Jim Clarke, of the Didsbury Club, leading the Jersey yearling with which he won at the annual show day of the club, at Didsbury, Alta.

At Lacombe —



First and second prize winners at Delburne Calf Show and Sale at Lacombe, Alta., these calves are shown held by their owners, Robert Lott and Johnny Flako (left to right). The nuptial was sent in by Mrs. Harry Boulton, Lousana, Alta.

GIRL NEARLY DROWNED IN FREAK ACCIDENT

MINNEAPOLIS.—A five-year-old girl who sought to get a drink out of a faucet while taking a bath, was nearly drowned when her jaws locked on the faucet. Her father freed her with difficulty and took her to hospital, where she was reported in good condition.

The largest type of animal that ever lived on earth, the blue whale, still exists today.

University Men Say Egg Grading Easy

ST. PAUL.—University of Minnesota farm school men say a housewife can tell whether high-priced eggs really are grade A.

If the egg has a round, high yolk and if the cover of the yolk is strong and has plainly-seen white knots on its sides, the egg is grade A.

If the egg flattens out and runs all over the dish, or has barely-visible white knots on the yolk, farm school experts suggest buying elsewhere.

The letter, they said, may be perfectly all right but they're considerably less than grade A.

One of the earliest ways of measuring time was by burning a candle.

Danmark consists of one peninsula and 500 islands. 2791

LITTLE REGGIE



PRISCILLA'S POP—An Influential Pupil



PRISCILLA'S POP—An Influential Pupil



PRISCILLA'S POP—An Influential Pupil



PRISCILLA'S POP—An Influential Pupil



TRAGIC BUT TRUE!

Dr. Alan Brown, Physician-in-Chief of Toronto's Hospital for Sick Children and Professor of Pediatrics at the University of Toronto, once opened a radio broadcast by telling a little story. We'll quote from Dr. Brown's script—

"As a rule most speakers open their remarks by telling a story. Well, I'm going to open my remarks this evening by telling a story—but it isn't the type of story which will make you laugh and put you in a good humor to listen to the rest of my talk. It is the story of a little girl who spent many months in Toronto's Hospital for Sick Children."

"The little girl's name was Mary. She was the only child of a doctor who didn't believe in the then new-fangled idea of pasteurization—the heating of milk to destroy disease germs. He was so convinced in his own mind that he was right—that pasteurization was a useless and harmful process—that every day he drove out of the town where he lived to get raw milk from a special herd he had picked out as safe."

Develops TB

"This went on for some time, but one day Mary developed a condition which necessitated a trip to Toronto—to the Hospital for Sick Children. She had bovine tuberculosis—contracted from the herd which her father thought so healthy and safe."

"Yes, Mary was just another victim of unpasteurized milk—a victim of parental neglect, through ignorance. And, her case was not an isolated one. Many little Marys and Johnnies have gone through the same thing—and many of them today are crippled from the effects of bovine tuberculosis."

X-X OUR CROSSWORD PUZZLE X-X

HORIZONTAL

- 1 Lively dance
- 2 Diving
- 3 Fragment of coal
- 4 The Milky
- 5 Pertaining to the nervous system
- 6 Powerful deity
- 7 Gold
- 8 Girl's name
- 9 Negative
- 10 Runmaker
- 11 Sausage coin
- 12 His traded hi
- 13 Bright
- 14 Little won by the Spartans
- 15 B.G.
- 16 French article
- 17 Church of a monastery
- 18 Number
- 19 Archipel
- 20 Thick soup
- 21 Arranged
- 22 Land measure
- 23 To wear away
- 24 A tissue
- 25 March
- 26 Violate
- 27 To furnish
- 28 Apparatus
- 29 Posture, as of the back
- 30 Mass of metal cast into convenient shape
- 31 Hebrew letter
- 32 To furnish
- 33 Lazy lounge
- 34 Vain
- 35 Moves little by little

VERTICAL

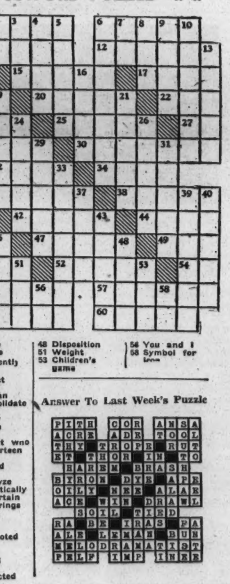
- 1 Overhaul
- 2 Furl
- 3 Retardation
- 4 Delivery
- 5 Quadruped
- 6 To ascertain
- 7 Native to a particular country
- 8 Pronoun
- 9 Prickly envelope or a fruit
- 10 Silkworm
- 11 Colloquial to disconcert
- 12 Civilities
- 13 Subsequently
- 14 Act of property
- 15 To infect
- 16 Spanish gentleman
- 17 Item of property
- 18 Knots in rope
- 19 President who had fourteen children
- 20 Conciliated person
- 21 To analyze grammatically
- 22 To ascertain the bearings of
- 23 Biblical
- 24 Wing-footed (var.)
- 25 Hunter
- 26 National emblem
- 27 Constructed
- 28 Disposition
- 29 Weight
- 30 Children's game
- 31 You and I
- 32 Symbol for grams

Weekly Tip

ONION TEARS

When peeling onions, place a partially burned match between your teeth—chair-coat end out—to prevent your eyes from watering. A crust of bread will also do the trick.

Answer To Last Week's Puzzle



OUR COMPLETE SHORT STORY—

ANOTHER CHANCE

By H. H. CLARKE

NINETEEN-YEAR-OLD Chuck Brewster gloomily watched his beloved grandmother, Widow Brewster, as she weeded the petunias beside the white picket fence that enclosed her gay little yard. She was an energetic little lady for all her gray hair and her years, and her flowers were her hobby.

"You see, Button," said Chuck disconsolately, "Ronny's grandfather's going to take the car away from him, and Ronny won't be able to go to school."

"Oh, Chuck," he exclaimed, "What ever got into you? You never speed!" She paused and tried to look sternly at him. It wasn't a success because her face was never built for sternness.

"I know," he answered forlornly, "It was all because I was late for the Scout meeting. I had my car and Ronny offered to let me use his. I was speeding a bit but—well, goosh! Just the fender was smashed and of course I'll pay to have it fixed. If only the old buzzard would give us another chance, or at least give Ronny one. But no! He says he believes in discipline and he holds Ronny responsible. I feel like a perfect heel! Golly, Ronny my best pal!"

"Another chance?" His grandmother's shining dark eyes regarded him thoughtfully. "That's it," she said slowly. "I'll never forget. Another chance?" She dropped her little trowel and straightened up. "Chuck," she announced with determination, "I've never met eyes on him, but I'm going to talk to that old gent. Ronny isn't to blame at all. It just isn't fair. When can I get a bus for Waterloo?"

A few hours later Mrs. Brewster faced the handsome gray-haired grandfather of Chuck's pal, Ronny. In his stately home in the old-fashioned town of Waterloo, where he lived all alone with two servants, but all her pleas for Ronny and Chuck seemed to leave him cold. He was courteous but determined. "The old—old curmudgeon!" thought Mrs. Brewster. "He's as stubborn as—as I am!"

"Listen here," she said desperately, "I want to tell you something—something I've never said before. When I was about eleven years old—" she hesitated and caught her breath. "When I was about eleven years old," she began again bravely, "I stole a diamond pin from a classmate. It was a little ship. The portholes were tiny diamonds and the whole affair fascinated me beyond endurance. And I stole it, right out of her pocket."

Her voice shook with emotion. "Hiram was his name—I remember so well. And do you know what he did when, of course, I was caught wearing it? He lied—he lied to protect me! He said he'd given it to me! Shame and pride wrestled for mastery in Mrs. Brewster's face.

Then she looked the old man firmly in the eyes. "I never forgot it," she went on, "and all my life I've tried to give everybody another chance at everything—in honor of that old schoolmate whom I never could repay for the same mistake he gave me. Also, I never stole again!"

Mrs. Brewster's eyes shone and her face was a beautiful pink. "Didn't anyone ever do you a big service—one that you could never repay?" she demanded. "Ever they did, don't you see that here's a chance to pass it on—and be generous to someone else?"

She paused and looked hopefully at the old gentleman. "Oh," she thought with alarm, "whatever the matter with him? He looks stunned. I must have shocked him dreadfully! I hope he doesn't think now that Chuck came from a family of thieves. It would be just like him!"

But the old gentleman recovered himself quickly. "All right," he said smiling as though it didn't really matter much after all. "I'll forgive Ronny and Chuck. I won't take the car away from Ronny. Is that what you want?"

He looked at her so searchingly that Mrs. Brewster thought the man must be off his head, even though it was such a handsome old head. However, she smiled and thanked him warmly.

as she edged rather hastily but triumphantly toward the door.

Mrs. Brewster's brain was still harping on the diamond pin the next morning as she stood by the gate, cutting roses for the big blue bowl. Somehow the old episode seemed inexplicably vivid in her mind.

"It just goes to show," she said to herself, "that there's no end to a good deed. It goes on and on making ripples in life, like a stone thrown into a pool."

Her lofty thoughts, however, were interrupted rudely as a big sedan came tearing down the street at what appeared to Mrs. Brewster to be an excessive rate of speed. She stepped back, as her gate was near the street and the car gave the impression that it might career off the pavement. But no—it whirled to a dramatic stop in front of her own gate. To her surprise, Ronny's grandfather dismounted! He wore no hat and his silver hair shone in the morning sun. "The man's insane," she thought, as he stopped outside the gate and looked at her with a quizzical smile.

"Hello, Babra," he grinned at her. Mrs. Brewster stared. She stared again and slowly she began to tremble uncontrollably. "Oh!" she cried, "Oh, my aching back! You're—your Hiram!"

The handsome old gentleman made her a deep bow.

"That I am," he replied chuckling, "that I am, and I've come, Babra, to ask you to give me another chance. You said yourself that one good turn deserved another—you can't refuse!"

Mrs. Brewster turned in a daze as Chuck drove slowly and safely to the gate. "Well—I'll be!" she exclaimed almost hysterically, "I'll surely be—if life don't beat all!" Then she turned to Hiram with both hands outstretched. "Oh Hiram, come in," she cried, "come in!"

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Fashions

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SIZES
6-14

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This pattern, easy to use, simple to sew, is tested for fit. Includes complete illustrated instructions.

Pattern 4580 in girls' sizes 6, 8, 10, 12, 14. Size 10 takes 2½ yds. 39-in.; ½ yd. 35-in. contrast. Send twenty-five cents (25c) in coins (stamps cannot be accepted) for this pattern. Write plainly size, Name, Address and Style Number and send orders to the Anne Adams Pattern Dept., Winnipeg Newsprint Union, 175 McDermott Ave. E., Winnipeg, Man.

FEWER EASTERNERS FOR ALBERTA HARVEST

EDMONTON.—Approximately 700 workers from eastern Canada are expected here this year, to help with the Alberta harvest, a reduction of about 100 from last year. Record number of easterners was 4,200 in 1942.

In the last six weeks, approximately 500 DPs have been sent to the Lethbridge area, to aid in the sugar harvest.

37-YEAR-OLD HONEY GOOD
DUBBO, New South Wales.—Thirty-seven years ago an Australian apiculturist here exhibited a jar of honey had won a prize. The same jar of honey, in perfect condition, is still being shown at exhibitions and winning prizes. 2791.

HONORING THOSE WHO MADE THE SUPREME SACRIFICE



Many communities across the prairies hold memorial services in memory of gallant young men and women who made the supreme sacrifice that we may enjoy the freedom that is ours in Canada today. These communities are to be commended for their spirit and effort in holding these services annually. The above scene was where several hundred people joined with the Clink branch of the Canadian Legion holding a memorial service at Craik, Sask. The service was preceded by a parade of ex-servicemen and several organizations led by the Moose Jaw Legion band. The cenotaph was banked to overflowing with beautiful wreaths placed by the different organizations of the district.

The cenotaph, erected after World War I, is located at an intersection on the main street of the district and district of both wars are inscribed. At night it is illuminated by lights on each corner of the decorative fence that surround the memorial, and makes a very impressive scene from the platform of the station at the head of the street.

Western Briefs

HEADINGLEY, Man.—Twenty-one inmates of the district of both wars are inscribed. At night it is illuminated by lights on each corner of the decorative fence that surround the memorial, and makes a very impressive scene from the platform of the station at the head of the street.

FOAM LAKE, Sask.—The Foam Lake hospital ladies' aid will hold their birthday tea and shower in aid of the hospital on Oct. 16.

CHURCHILL, Man.—With extensive building projects underway here a general movement of labor from the prairies to this Manitoba port is reported in progress. Approximately 100 men already have arrived, most of them being employed in erecting a naval research station.

BIRCH RIVER, Man.—Bob Locke, a judge at the rodeo here, wasn't worried when the crowd questioned his ability to ride a wild steer. He jumped on one of the animals, out-rode all the contestants, then awarded the prize to Charles Long of The Pas, Man., whose all fall came closest to equaling the judge's feat.

BANFF.—A parade of Stoney Indian chiefs from the Stoney Reservation featured the Indian Day celebration here. Escorted by a contingent of Mounties the chiefs rode to the Banff Springs Hotel in full tribal regalia.

WYBURN, Sask.—When parallel parking was instituted in this southern Saskatchewan city last month, some motorists had difficulty in manoeuvring into the parking spaces. One unloaded his passengers and with their help carried his old-model car into line.

EDMONTON.—The Edmonton oil field town of Devon is taking shape. Twenty-five houses have been constructed and another 50 are under way. Sewage and water facilities are nearly ready to be hooked up. The town will have a population of 300 when completed.

ANOTHER RECORD
WASHINGTON—Americans smoked 345,000,000 cigarettes during the year ended June 30—another record. This was the equivalent of about 121 packs for every man, woman and child.

RELIEVE



PEGGY



Prairie Oil Production Up Over 1947

CALGARY.—Alberta-Saskatchewan oil production climbed to new high of almost 40,000 barrels daily in the week ended Aug. 9. Indicated daily average was 39,873 barrels, or more than 2,300 barrels higher than former peak of previous two weeks. This is 7,100 barrels higher than officially recorded yield for June.

Leduc-Woodhead for first time in its 18-month history passed the 20,000-barrel level. Conservation board reports deliveries of 20,964 barrels daily including 9,101 barrels from Wild Atlantic well and 11,863 barrels from 100 other wells operating at restricted rates. Turner Valley oil ran 10,796 barrels plus an additional 1,014 barrels of natural gasoline.

Lloydminster Up
Lloydminster production was estimated at 2,184 barrels daily from Alberta wells and 2,753 barrels from Saskatchewan. Smaller Alberta pools were estimated at 2,162 barrels daily.

Prairies rolled up an oil production gain of 1,444,654 barrels with the six month total at 4,843,962 barrels. Alberta produced 4,609,897 barrels, Saskatchewan 374,965 barrels. With continued growth expected the final half-year production should exceed six million barrels and the 1948 total over 11 million barrels for a new record compared to 7,344,175 barrels for 1947.

Advice For Canada's Fire Prevention Week

OTTAWA.—Fire Prevention Week will be October 3-9, the Government has announced. A proclamation in the Canada Gazette recommends these measures:

1. Inspection of all buildings and removal of conditions likely to spread fire.
2. Inspection of theatres, hospitals and other institutional buildings with a view to making changes necessary to protect occupants in case of fire.
3. Fire drills for all school children, inmates of institutions and factory employees.
4. Special instruction on fire prevention in schools by teachers and municipal officials.
5. Campaigns by all governments to emphasize the national importance of protecting life and property from fire loss.

SUPPLIED MODERN TOUCH

LORLIE, Sask.—When Mr. and Mrs. Squatpaw celebrated their 64th wedding anniversary recently on the File Hills reserve near this town 65 miles northeast of Regina, an English war-bird now living on the reserve supplied the modern touch in the form of a wedding cake three tiers high. Traditional native dances followed.

AIRMEN DON'T USE GATE

YORKTON, Sask.—Three airmen eluded the gatekeeper at a recent exhibition here. They stopped the show when they descended among parked cars in a helicopter from the joint air school at Rivers, Man. It was all part of a recruiting drive.

15 CENTS A CUT FOR PIE

TORONTO.—Some Toronto restaurants have raised the price of pie to 15 cents a cut from 10 cents. Their operators claim increased costs of shortening and flour have made a pie price rise necessary.

Tourists To B.C. Shows Drop

VANCOUVER.—B.C. is the only province in Canada attracting fewer tourists this season than last year. From the Atlantic to the foothills of the Rockies, tourist travel in Canada is reaching an all-time high. But in B.C. tourist officials report a 1.7 per cent drop from 1947 figures. They blame floods which devastated the province early in June.

HOSPITALS GET MONEY
REGINA—Saskatchewan hospitals are to receive more money this year from the health services planning commission, Dr. F. D. Mott, commission chairman, has announced.

Finest Quality—Easy to Use



—By Chuck Thurston

DOES INDIGESTION WALLOP YOU BELOW THE BELT?

Help Your Digestion "24" For The Kind Of Relief That Helps Make You Rarin' To Go

More than half of your digestion is done below the belt—in your 24 inches of bowels. So when indigestion strikes, try something that helps digestion in the stomach AND below the belt. That's the kind of relief that makes you feel better from your head to your toes. Get the new 24" relief from the famous Little Kasee Pills from your druggist—36c.



Their Skill Fishermen Display
Lucky anglers from Billville, Ont., are Roy Woodbeck and Walter Johnston, who took this 23½-pound lake trout from Lake Opeongo in Algonquin park, Ont., after a half-hour fight. The fish is 38 inches long, 23½ in. girth.



Fishin' was swell for Don Butcher of Toronto, Ont., seen in the bow of the boat with the 40-pound muskie he caught in the French river in Ontario. The big fellow, taken on a 10-pound test line after a 45-minute struggle, may go on exhibit at the Canadian National Exhibition.

1950 Games Awarded To N.Z.

LONDON.—The 1950 British Empire games were awarded to New Zealand.

The committee to decide the venue of the Commonwealth sports meet voted down Canada bid, 12-2, to hold the games at Toronto.

Bermuda was Canada's only supporter.

Prof. Nelson Hart of London, Ont., general manager of the Canadian Olympic team, represented Canada at the meeting.

He detailed the Toronto offer with a \$400,000 guarantee but the committee thought it preferable the games go to the southern hemisphere.

After the meeting Prof. Hart said: "The delegates wanted to spread the games around. We had it before—in 1930 at Hamilton, Ont.—and this will be New Zealand's first time."

The games will be held in January, 1950.

The five races of mankind are Caucasian, Mongolian, Negro, Malay and American Indian.

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BRANCHES: Regina, Calgary, Edmonton

Country People Suffer

(From the Dorothy Dix Column)
Dear Miss Dix — The season is again at hand when we who get our living by tilling the soil, are descended upon by our country cousins who visit us once a year at harvest time.

The rest of the year when there is ground to be prepared, plowing to be done, weeds to be killed, heat and dust to be endured, no cousins are in sight.

But as the fruit and vegetables ripen our relatives appear upon the scene with all sorts of carrots, beets and pumpkins that they have brought with them.

Also, they are full of affection for us and praise for our beautiful vegetables.

And when these charming chaps come here loaded down their cars and are ready to depart, they say that we must come and see them sometime, but, of course, we realize that they have no room for us and that we would have to eat out because it is estimated Cousin So-and-so to cook.

Is there any way that we can protect ourselves against the hold-ups before another summer rolls around.

around.

A. BRADSHAW

ANSWER: I am country-bred myself and so far as my memory serves me we never "sang that lovely lyric, 'In the Good Old Summer time'" because that was the season when our city friends and relatives descended upon us like the wolf on the fold.

Not only were the fruit and the vegetables at their finest, but Cousin Sally and Aunt Sue arrived unexpectedly with bag and baggage because the doctor had prescribed country air for them. And, worse still, they brought along with them relays of lively youngsters who left the place a shambles.

Why city people who are the fortunate possessors of money and cars and who practically live in green grocery stores, feel that they have a perfect right to sponge food in the summertime is one of the mysteries of human behavior for which there is no adequate explanation.

It is a conundrum. But it explains one thing and that is, why people who buy country places nearly always sell them after the second summer.

Legion Rally Here September 20

A rally of the Legion Branches of Zone 3 of the Provincial Legion Command will be held in the Arena Auditorium in Oids on Monday, September 20th at 8 p.m. Included in the zone are the legion branches of Sundre, Oids, Bowden, Crossfield, Carleton Place, Oremora and Didsbury.

This is an opportunity for all ex-service men and women to receive information on matters that are of direct concern to them.

Last year the rally held in Carleton Place proved to be very successful and it is hoped that this year's rally in Oids will provide even more interest to the many service men and women in the zone.

The rally is open to all members of the Legion, the Ladies Auxiliary to the Legion and to all ex-service men and women and their wives and their friends. The committee in charge of the convention is headed by Dan Campbell and they extend a cordial invitation to the friends of the legion to attend the meeting as well as those already mentioned.

Curt Heckbert, provincial president of the Legion and his 1st vice-president, George Giesse will be the principal speakers and the message that they will bring to the convention is of importance, so every ex-service man and woman.

A lunch will be served following the meeting.

Ergot in Grain Here Can Become Dangerous Says Hugh McPhail

Hugh McPhail, District Agriculturalist was in the Gazette office on Saturday and was telling our editors that Ergot was becoming a serious problem in the district. He told us that in one field of wheat that he had inspected ergot in the grain amounted to about six per cent. This disease, Mr. McPhail tells us is usually associated with the growing of rye but it is just as common among the other grains as it is in the rye crops.

The following article is published on Ergot in order to acquaint the farmers of the district as to the source and control of the disease and is supplied the Gazette through the offices of Mr. McPhail.

ERGOT IN SEED AND FEED
Ergot is one of the most common and important diseases of rye. It also occurs in barley and wheat but rarely in oats. Grasses such as slender wheat, quack grass, brome and timothy are also susceptible. It is caused by a fungus, *claviceps purpurea*, and can be identified by large purplish black bodies called sclerotia which develop in the place of the kernels. The loss in yield from ergot, results not only from the replacement of the normal kernels by the ergot bodies but also from the fact that many flowers which do not develop the black ergot bodies are blighted by the fungus and thus also fail to form kernels. Prices paid for the grain containing

ERGOT A POISON

It is important that livestock feed recognize the poisonous qualities in ergot and have some idea of how much should be tolerated in feeds. Ergot has caused abortion in cattle and other livestock as well as the disease known as ergotism. As little as 15 per cent ergot in rye has been known to cause the disease. Ergotism may be very serious and is marked in the early stages by irritation and pain in the extremities of the body and later by a dry gangrene or mummification of tail, ears and perhaps feet. Cattle and horses are most susceptible to the injurious effects of ergot.

Feeders should aim to avoid ergot entirely especially with pregnant females. Certainly any grain containing 1 per cent or more of ergot material should be considered dangerous. If such feed must be fed the amount of ergot can be reduced by the use of the fanning mill and mixing the diseased grain with other grain that is free of ergot.

SOURCE OF ERGOT INFECTION
The black ergot bodies provide the means by which the fungus lives through the winter and is carried from one crop to the next. They either fall on the ground before the grain is taken off the field or remain in the heads and are thrashed with the grain. If a field is sown with infected grain or it has been sprinkled with ergot from the previous year's crop, the field is virtually seeded down with the ergot organism. Under such circumstances a susceptible crop is almost certain to develop ergot. Another very important source of infection is from grass around the outside of a field. Infection takes place when the grain is in the flowering stage. This comes from spores discharged by tiny mushroom like

structures which develop from the ergot bodies. The infection is spread from one head to another by insects. Weather conditions determine to a great extent how severe the disease will spread and to what extent will spread. An abundant supply of moisture results in better germination of the ergot bodies while dry warm weather seems most favorable for the spread of the disease during the blooming period.

CONTROL OF ERGOT

Three important control measures should be practiced:
1. Grass margins or field edges must be mowed prior to the flowering period of the grain.
2. Ergot resisting crops such as oats and legumes should be rotated with rye or other susceptible crops.
3. Ergot free seed should be planted.

The small and broken ergot bodies that cannot be removed with a fanning mill can be taken out by hand-picking if a small quantity is being cleaned or by floating them out in brine. This can be done by immersing the seed in a 20 to 30 per cent salt solution. Two pounds of salt per imperial gallon of water will make a 20 per cent solution. The seed should be stirred thoroughly to float the ergot bodies. Follow this by rinsing thoroughly with ordinary water so as to wash the salt out of the eye and then spread to dry.

Deep plowing following a diseased crop, in order to bury the sclerotia which have fallen to the ground, will prevent most of the germination the next season. Another practice that should be followed is that mowing of the wild grasses surrounding the grain field just before they blossom as ergot spreads from certain of these grasses to rye and other crops.

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SEEDTIME and HARVEST

By D. M. McLEAN, Assistant Director, Line Elevator Service, Winnipeg, Manitoba.

Fall Sown Crops
The recent expansion in the acreage sown in Western Canada in winter wheat and fall rye demonstrates a renewed interest by prairie farmers in these fall-sown cereals.

Advantages. Fall-sown cereals give a better distribution of labor between seedtime and harvest. They can usually be sown when normal harvest operations are either temporarily suspended or completed, and are ready to harvest before spring-sown crops. The heavy top growth of these crops offers distinct advantages for soil erosion and weed control. It is, in fact, often possible, by growing these crops in rotation, to achieve a reduction in the wild oat population in fields infested with this weed. Intensive summer tillage before the fall rye crop is sown and after it is harvested can also be used to advantage in the control of Canada Thistle and Perennial Sow Thistle.

Cultural Practices. To grow these crops successfully more attention must be paid to proper cultural practices than is needed for spring-sown grains. For best results, fall-sown crops should be sown not more than 1 1/2 inches deep into firm, moist stubble land or summer-fallow land during the latter part of August or the early part of September. Seeding may have to be delayed if moisture reserves are low or if adult grasshoppers are abundant in the fall. Snow cover plays an important part in the winter survival of fall-sown crops.

Varieties. Kharkov and Yogo are the varieties of winter wheat generally recommended for the prairies. They both possess considerable winter hardiness along with high yielding ability. For the very same reason Dakoda is the most acceptable variety of fall rye.

Troublesome. Weeds and annual weeds such as stinkweed, shepherd's purse, and tumbling mustard are often troublesome in these crops. Based on the experience of the past two years, spraying or dusting with 2,4-D in the spring will reduce this common hazard.

With the development of new improved varieties and more efficient cultural practices, fall-sown cereals may very well occupy a more prominent place in the cropping system of prairie farmers.

AGAIN THIS YEAR!

An actual survey made on cars at the Canadian National Exhibition in Toronto on Saturday Day showed the following results:

39% OF ALL TIRE GOODYEARS	
Goodyear	39%
2nd Tire	14%
3rd Tire	10%
4th Tire	8%
5th Tire	6%
6th Tire	4%
7th Tire	2%
8th Tire	1%
9th Tire	1%
10th Tire	1%
11th Tire	1%
12th Tire	1%
13th Tire	1%
14th Tire	1%
15th Tire	1%
16th Tire	1%
17th Tire	1%
18th Tire	1%
19th Tire	1%
20th Tire	1%

Let this overwhelming preference for Goodyear's extra mileage, extra safety and extra economy be your buying guide. See your Goodyear dealer... soon.

GOODYEAR

MORE PEOPLE RIDE ON GOODYEAR TIRES THAN ON ANY OTHER KIND